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1

SEQUENCE LISTING

<110> Aventis Research & Technologies GmbH & Co KG

<120> Spliceosomal protein and its use

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<140> 19925668.3

<141> 1999-06-04

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<170> PatentIn Ver. 2.1

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Thr Lys

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&lt;211&gt; 10

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1

5

10

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&lt;213&gt; HeLa-cells

&lt;400&gt; 13

Lys Asp Arg Val Thr Gly Gln His Gln Gly Tyr Gly Phe Val Glu Phe

1

5

10

15

Leu Ser Glu Glu

20

&lt;210&gt; 14

&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; HeLa-cells

&lt;400&gt; 14

Lys Glu Tyr Asp Pro Leu Lys

1

5

&lt;210&gt; 15

&lt;211&gt; 16

&lt;212&gt; PRT

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&lt;400&gt; 15

Lys Arg Trp Arg Thr Arg Val Trp Asp Asn Asp

1

5

10

&lt;210&gt; 16

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Met Asn Asp Trp Met Pro Ile

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5

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Ala Lys Glu Tyr Asp Pro Leu Lys Ala Gly Ser Ile Asp Gly Thr Asp

10

15

20

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Glu Asp Pro His Asp Arg Ala Val Trp Arg Ala Met Leu Ala Arg Tyr

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Val Pro Asn Lys Gly Val Ile Gly Asp Pro Leu Leu Thr Leu Phe Val

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gcc aga cta aac ttg cag acc aag gag gac aaa tta aag gaa gtc ttt 426

Ala Arg Leu Asn Leu Gln Thr Lys Glu Asp Lys Leu Lys Glu Val Phe

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tcc cgc tat ggt gac atc cgg cgg ctt cgg ctg gtc agg gac ttg gtc 474

Ser Arg Tyr Gly Asp Ile Arg Arg Leu Arg Leu Val Arg Asp Leu Val

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80

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90

95

100

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Ala Val Ile Lys Ala Tyr Arg Asp Ala Asp Gly Leu Val Ile Asp Gln  
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 cat gag ata ttt gtg gac tac gag ctg gaa agg act ctc aaa ggg tgg 618  
 His Glu Ile Phe Val Asp Tyr Glu Leu Glu Arg Thr Leu Lys Gly Trp  
 120 125 130 135  
 atc cct cgg cga ctt gga ggc ggt ctt ggg gga aaa aag gag tct ggg 666  
 Ile Pro Arg Arg Leu Gly Gly Gly Leu Gly Gly Lys Lys Glu Ser Gly  
 140 145 150  
 caa ctg aga ttt ggg gga cgg gac cgg cct ttt cga aaa cct att aac 714  
 Gln Leu Arg Phe Gly Gly Arg Asp Arg Pro Phe Arg Lys Pro Ile Asn  
 155 160 165  
 ttg cca gtt gtt aaa aac gac ctc tat aga gag gga aaa cgg gaa agg 762  
 Leu Pro Val Val Lys Asn Asp Leu Tyr Arg Glu Gly Lys Arg Glu Arg  
 170 175 180  
 cgg gag cga tct cga tcc cga gaa aga cac tgg gac tct agg aca agg 810  
 Arg Glu Arg Ser Arg Ser Arg Glu Arg His Trp Asp Ser Arg Thr Arg  
 185 190 195  
 gat cga gac cat gac agg ggc cgg gag aag aga tgg caa gaa aga gag 858  
 Asp Arg Asp His Asp Arg Gly Arg Glu Lys Arg Trp Gln Glu Arg Glu  
 200 205 210 215  
 ccg acc agg gtg tgg ccc gac aat gac tgg gag aga gag agg gac ttc 906  
 Pro Thr Arg Val Trp Pro Asp Asn Asp Trp Glu Arg Glu Arg Asp Phe  
 220 225 230  
 aga gat gac agg atc aag ggg agg gag aag aag gaa aga ggc aag tag 954  
 Arg Asp Asp Arg Ile Lys Gly Arg Glu Lys Lys Glu Arg Gly Lys  
 235 240 245  
 aggcccaaca gcagaacccc aaagtgaagt tacagtggaa atgagtggag ggggattggtc 1014  
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 20 25 30

Arg Ala Met Leu Ala Arg Tyr Val Pro Asn Lys Gly Val Ile Gly Asp  
 35 40 45

Pro Leu Leu Thr Leu Phe Val Ala Arg Leu Asn Leu Gln Thr Lys Glu  
 50 55 60

Asp Lys Leu Lys Glu Val Phe Ser Arg Tyr Gly Asp Ile Arg Arg Leu  
 65 70 75 80

Arg Leu Val Arg Asp Leu Val Thr Gly Phe Ser Lys Gly Tyr Ala Phe  
 85 90 95

Ile Glu Tyr Lys Glu Glu Arg Ala Val Ile Lys Ala Tyr Arg Asp Ala  
 100 105 110

Asp Gly Leu Val Ile Asp Gln His Glu Ile Phe Val Asp Tyr Glu Leu  
 115 120 125

Glu Arg Thr Leu Lys Gly Trp Ile Pro Arg Arg Leu Gly Gly Gly Leu  
 130 135 140

Gly Gly Lys Lys Glu Ser Gly Gln Leu Arg Phe Gly Gly Arg Asp Arg  
 145 150 155 160

Pro Phe Arg Lys Pro Ile Asn Leu Pro Val Val Lys Asn Asp Leu Tyr  
 165 170 175

Arg Glu Gly Lys Arg Glu Arg Arg Glu Arg Ser Arg Ser Arg Glu Arg  
 180 185 190

His Trp Asp Ser Arg Thr Arg Asp Arg Asp His Asp Arg Gly Arg Glu  
 195 200 205

Lys Arg Trp Gln Glu Arg Glu Pro Thr Arg Val Trp Pro Asp Asn Asp  
 210 215 220

Trp Glu Arg Glu Arg Asp Phe Arg Asp Asp Arg Ile Lys Gly Arg Glu  
 225 230 235 240

Lys Lys Glu Arg Gly Lys  
 245